

FIG. 1

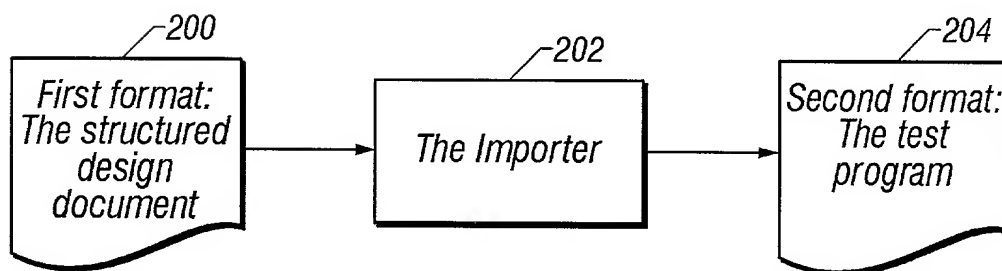


FIG. 2

306		308		310		312		304		301	
A		B		C		D		E		F	
2		Table 1 - Fundamental characteristics of product/in platform									
3		Value		Units		Description		Name			
4		1				Number of outputs		NumberofOutputs			
5		5		V		Out1 nominal output voltage		Vo_nom			
6		2.5		%		Out1 room ambient voltage tolerance		Tolerance_ra			
7		3.5		%		Out1 voltage hot test tolerance		Tolerance_ht			
8		6		A		Out1 full load current		Io_FL			
9		0.6		A		Out1 minimum load current		Io_min			
10		36		V		Low line input voltage		Vi_LL			
11		48		V		Nominal line input voltage		Vi_NL			
12		75		V		High line input voltage		Vi_HL			
13		2				Number of on/off pins		NumberOfOnOffPins			
14		1				Module state with OnOff; 0,0		OnOff_0_0			
15		1				Module state with OnOff; 0,1		OnOff_0_1			
16		0				Module state with OnOff; 1,0		OnOff_1_0			
17		1				Module state with OnOff; 1,1		OnOff_1_1			
18		1				Number of trim pins		NumberofTrimPins			
19		-0.023				Trim slope		Slope_tp1			
20		1.225				Trim intercept		Intercept_tp1			

FIG. 3A

21	Table 2-MTR Table									
22	316	Method	Description	Conditions		Room Ambient Test		Hot Test		
23				Variable	Value	Units	Min	Max	Min	Max
24				Vin	10	V	-0.50	1.00		
25	lio	3.2	Input output isolation	Vin	75	V	10.00	50.00	10.00	50.00
26	lin	3.4	Input current	Io	0	A				
27				OnOff						
28										
29	Vi_start	3.5	Input start voltage	Io	0.6	A	31.0	35.9	31.0	35.9
30	Vi_Stop	3.6	Input stop voltage	Io	0.6	A	29.0	34.5	29.0	34.5
31	Vi_hys	3.7	Input Hysteresis				0.5	4.0	0.5	4.0
32	Vo_HLLL_pct	3.8	High line light load output voltage	Vin	75	V	-2.50	2.50	-3.50	3.50
33				Io	0.6	A				
34	Vo_HLLL_pp	3.11	High line light load P-P noise	Vin	75	V	0	70	0	70
35				Io	0.6	A				
Revisions/Schematics/Master/IMB48006a050v-000/IMB48008aD33v-000/IMB48009025v-0										

FIG. 3B

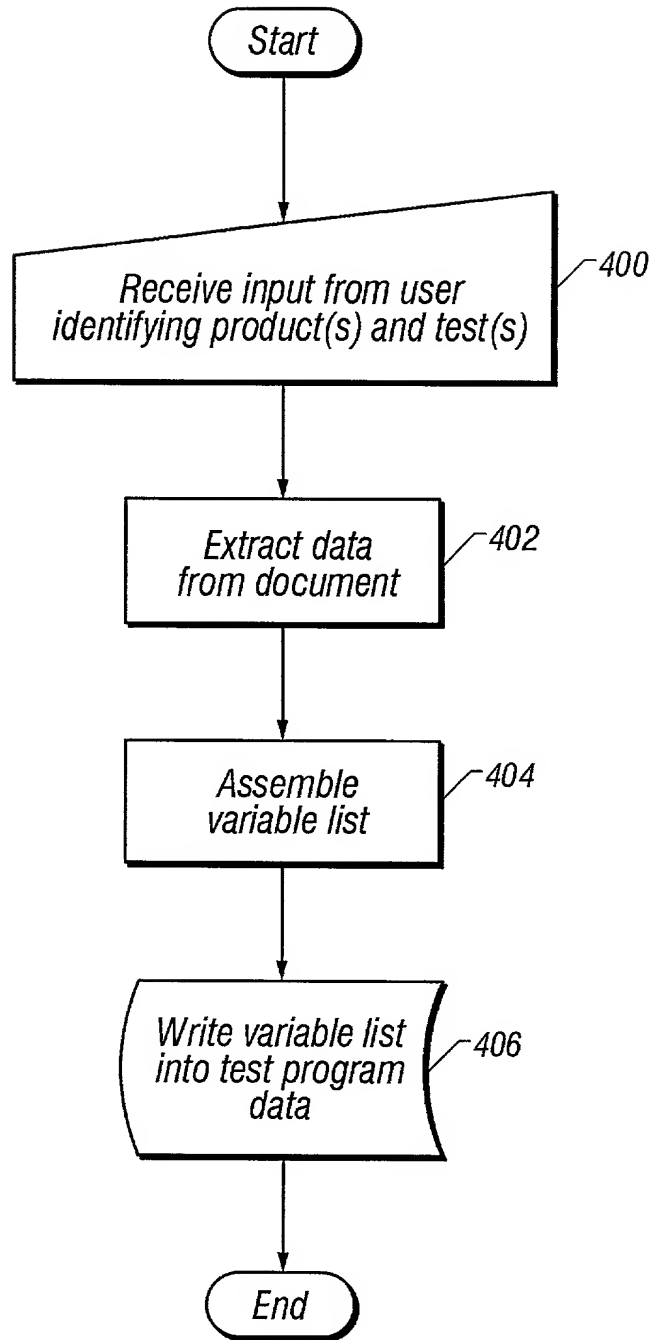



FIG. 4

500

Innoveta ATE StartLot Dialog

MTR file 

Product platform	MTR revision number	Date	Time	Test system ID
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	ATE1

Product code 504 Test operation 506

iQA48015a033m-002 Room Ambient Test

Lot name Lot description Test operator

Normal production Dougherty, Jim

Status

STARTLOT 508VIEW MTRHELPCANCEL

FIG. 5

Step	Description	Comment
lin	Numeric Limit Test, $10.0 \leq X \leq 50.0$, mA, ts...	Input current
Vi_start	Numeric Limit Test, $31.0 \leq X \leq 35.9$, V, tsln...	Input start voltage
Vi_stop	Numeric Limit Test, $29 \leq X \leq 34.5$, V, tsln...	Input stop voltage
Vi_hys	Numeric Limit Test, $0.5 \leq X \leq 4$, V, tslnov...	Input hysteresis
Vo_HLL_pct	Numeric Limit Test, $-2.5 \leq X \leq 2.5$, %, tsln...	High line light load output voltage
Vo_HLLL_pp	Numeric Limit Test, $0 \leq X \leq 70$, mV, tslnov...	High line light load P-P noise
Vo_trdn_pct	Numeric Limit Test, $-12 \leq X \leq -8$, %, tslnno...	Trim down output voltage
Vo_trup_pct	Numeric Limit Test, $8 \leq X \leq 12$, %, tslnov...	Trim down up voltage
Vo_ovp	Numeric Limit Test, $5.78 \leq X \leq 6.5$, V, tsln...	Output over voltage protection
Vo_HLFL_pct	Numeric Limit Test, $-2.5 \leq X \leq 2.5$, %, tsln...	High line full load output voltage
load_reg	Numeric Limit Test, $-0.3 \leq X \leq 0.3$, tsln...	Load regulation
Vo_HLFL_pp	Numeric Limit Test, $0 \leq X \leq 75$, mV, tslnov...	High line full load P-P noise
Eff_NLFL	Numeric Limit Test, $87.7 \leq X \leq 93$, %, tsln...	Nominal line full load efficiency
Vo_NLFL_pct	Numeric Limit Test, $-2.5 \leq X \leq 2.5$, %, tsln...	Nominal line full load output voltage
Vo_LLFL_pct	Numeric Limit Test, $-2.5 \leq X \leq 2.5$, tsln...	Low line full load output voltage
line_reg	Numeric Limit Test, $-0.1 \leq X \leq 0.1$, %, tsln...	Line regulation
Vo_LLLL_pct	Numeric Limit Test, $-2.5 \leq X \leq 2.5$, %, tsln...	Low line light load output voltage
Vo_off	Numeric Limit Test, $-0.5 \leq X \leq 0.5$, V, tsln...	OnOff off test
Vo_on_pct	Numeric Limit Test, $-2.5 \leq X \leq 2.5$, %, tsln...	OnOff on test
Io_cli	Numeric Limit Test, $6.18 \leq X \leq 10.98$, A, ts...	current limit Inception
Io_ssc	Numeric Limit Test, $0.9 \leq X \leq 9.6$, A, tsln...	Short circuit current
Vo_NLFL_rec_pct	Numeric Limit Test, $-2.5 \leq X \leq 2.5$, %, tsln...	Nominal line full load short circuit recovery

FIG. 6

600

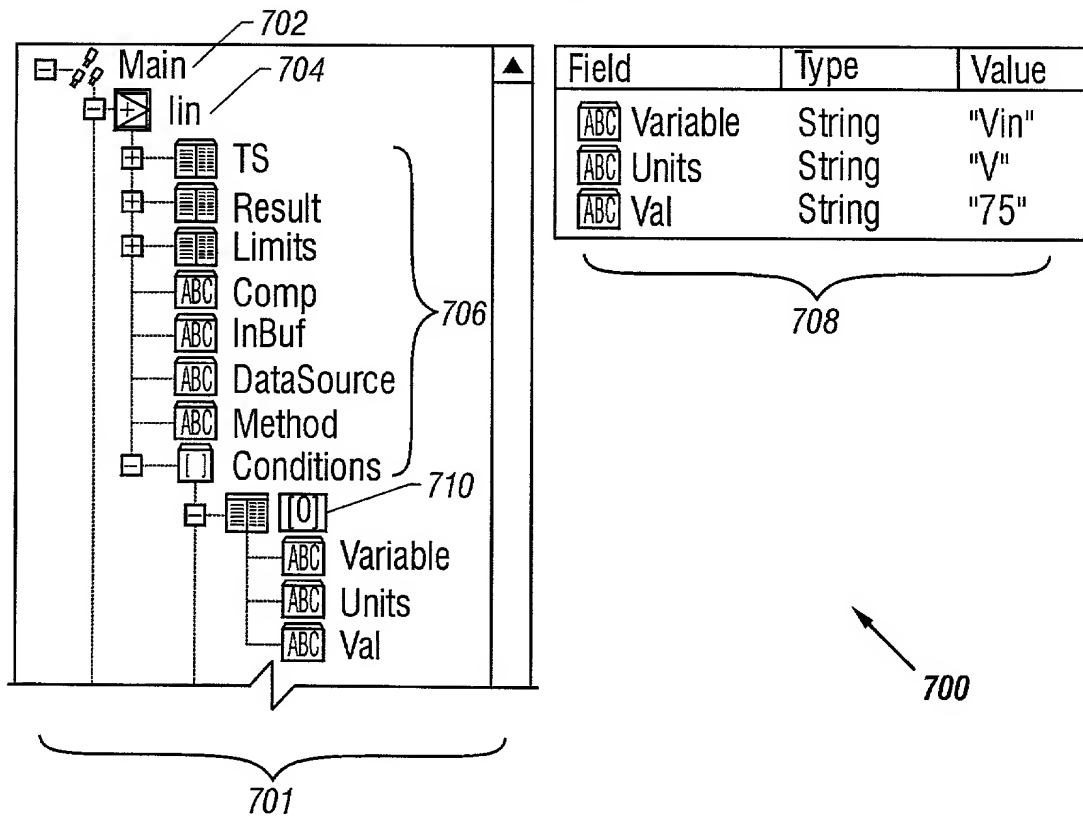


FIG. 7

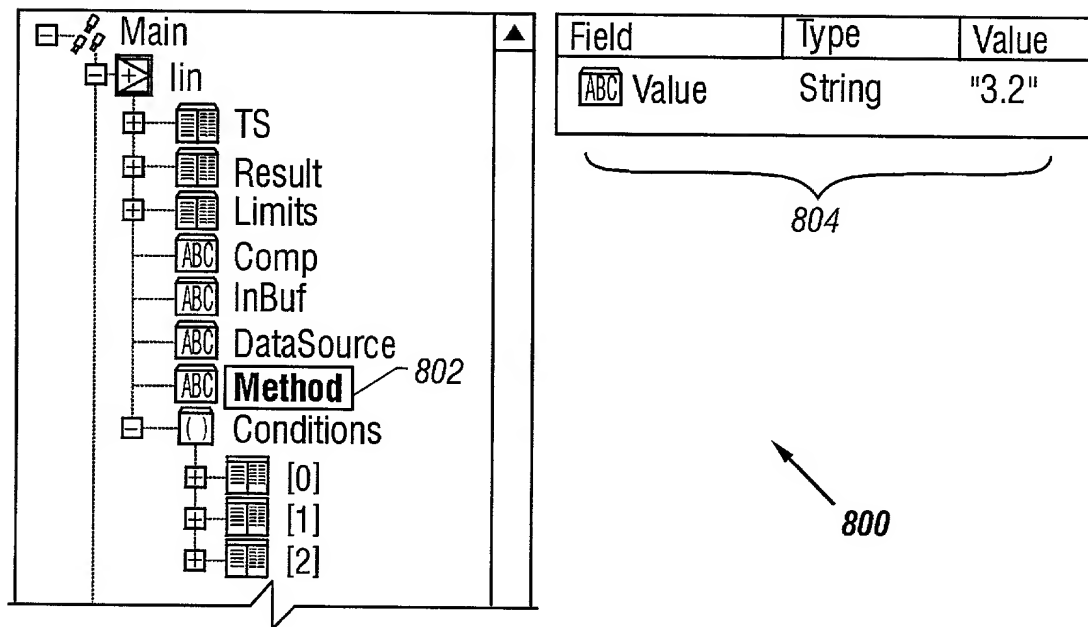


FIG. 8


















Variable	Type	Value
 ProductCode	String	"iMB48006a050v-000"
 TestOperation	String	""
 NumberOfOutputs	Number	1
 Vo_nom	Array of Numbers[0...	...
 Tolerance_ra	Number	2.5
 Tolerance_ht	Number	3.5
 Io_FL	Array of Numbers[0...	...
 Vi_LL	Number	36
 Vi_NL	Number	48
 Vi_HL	Number	75
 NumberOfOnOffPins	Number	2
 OnOff_0_0	Number	1
 OnOff_0_1	Number	1
 OnOff_1_0	Number	0
 OnOff_1_1	Number	1
 Slope_tp1	Number	-0.023
 Intercept_tp1	Number	1.225

FIG. 9

900

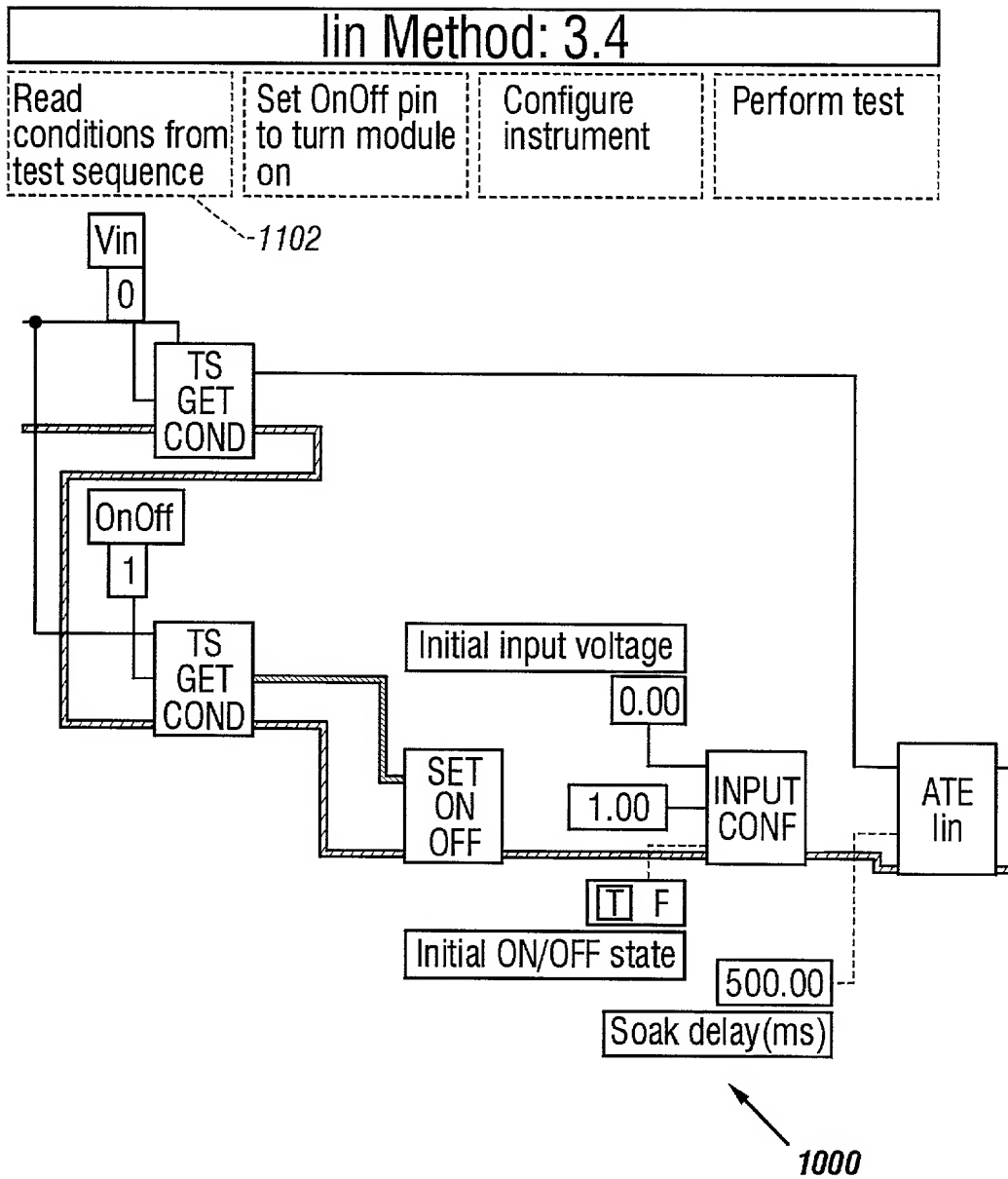


FIG. 10

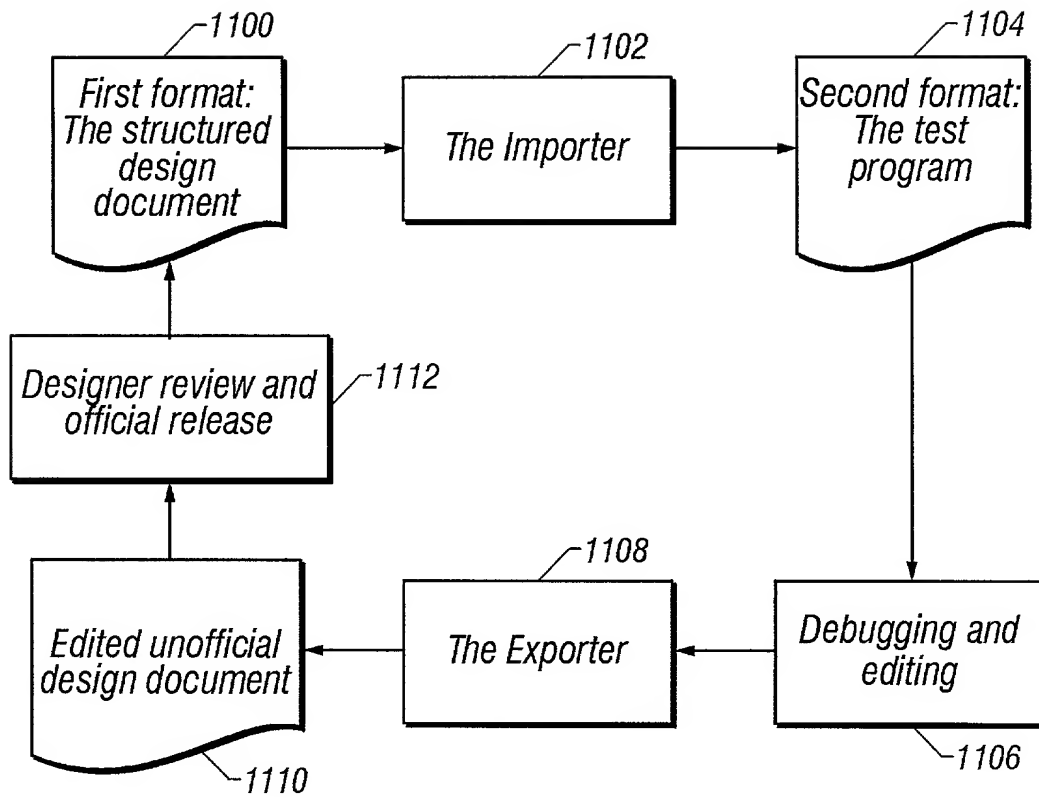


FIG. 11